

Application Number 09/938,144  
Responsive to Office Action mailed August 18, 2005

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

#### **Listing of Claims:**

**Claim 1 (Original):** A data storage device in a form factor assembly not greater than three and one half inches comprising:

- a data disc rotatably mounted on a baseplate;
- an actuator arm adjacent to the data disc carrying a transducer for reading data from and writing data to the data disc;
- a printed circuit board (PCB) fastened to the baseplate having a servo controller in operable communication with the actuator arm for moving the actuator arm over the data disc;
- a central processing unit (CPU) mounted to the PCB generating control signals to the servo controller and running an operating system; and
- memory storing an application program operably connected to the CPU, whereby the application program is run by the CPU.

**Claim 2 (Original):** The data storage device of claim 1 wherein the data storage device is connected to a communications network, further comprising:

- an input/output module communicating to a node connected to the communications network.

**Claim 3 (Original):** The data storage device of claim 2 wherein the input/output module includes a network interface module operable to communicate to a node on the network using a hypertext transport protocol.

**Claim 4 (Original):** The data storage device of claim 3 wherein the input/output module further includes a video interface module operable to drive a video monitor via the communications network.

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**Claim 5 (Original):** The data storage device of claim 4 wherein the data storage device is a three and one half inch form factor assembly.

**Claim 6 (Original):** The data storage device of claim 5 further comprising a file system managing file data stored on the data disc, wherein the file system is in direct communication with the servo controller.

**Claim 7 (Withdrawn):** A computer system comprising:  
a docking station having a connector port for receiving a data storage device; and  
a data storage device having a microprocessor, a memory storing an operating system operably connected to the microprocessor operable to execute application programs, whereby the microprocessor executes the operating system, an input/output module operably connected to a communications network, and a data storage disc, the data storage device connected to the connector port.

**Claim 8 (Withdrawn):** The computer system of claim 7 wherein the docking station includes a connection to a communications network.

**Claim 9 (Withdrawn):** The computer system of claim 7 wherein the input/output module operably communicates with a node on the communications network using a hypertext transport protocol.

**Claims 10-15 (Cancelled)**

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**Claim 16 (Original):** A data storage device having a three and one half inch form factor or less, the storage device comprising:

- a data disc rotatably mounted on a baseplate;
- an actuator arm adjacent to the data disc carrying a transducer for reading data from and writing data to the data disc;
- a printed circuit board (PCB) within the form factor fastened to the baseplate, the PCB having a servo controller mounted thereon in operable communication with the actuator arm for moving the actuator arm over the data disc, a central processing unit (CPU) running an operating system mounted thereon generating control signals to the servo controller, and a memory mounted thereon storing an application program operably connected to the CPU, wherein the application program is run by the operating system running in the CPU.

**Claim 17 (Previously Presented):** The device according to claim 16 wherein the memory stores both the operating system and the application program for use by the CPU.

**Claim 18 (Previously Presented):** An intelligent storage element comprising:

- a case forming a substantially sealed environment;
- a data disc mounted within the case, wherein the data disc rotates about a central axis;
- an actuator arm carrying a head to read and write data to the data disc;
- a central processing unit mounted within the case; and
- a memory mounted within the case, wherein the memory stores an operating system, and the central processing unit runs the operating system.

**Claim 19 (Previously Presented):** The intelligent storage element of claim 18, wherein the data disc is a magnetic data storage media.

**Claim 20 (Previously Presented):** The intelligent storage element of claim 18, further comprising a network interface module, wherein the network interface module allows the intelligent storage element to communicate across a network.

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**Claim 21 (Previously Presented):** The intelligent storage element of claim 20, wherein the network is a local area network.

**Claim 22 (Previously Presented):** The intelligent storage element of claim 18, wherein the case comprises a base and a top cover.

**Claim 23 (Previously Presented):** The intelligent storage element of claim 18, wherein the operating system runs application software stored on the data disc.